

## Autumn Term Curriculum Overview Year 4

<p style="text-align: center;"><b>English</b></p> <p><b>Key texts – Paddington!, Information Texts about Ancient Greece, a selection of Greek Legends (including Theseus and the Minotaur and Arachne and Athena)</b></p> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>Secure decoding of unfamiliar words</li> <li>Read for a range of purposes</li> <li>Retell some stories orally</li> <li>Discuss words &amp; phrases that capture the imagination</li> <li>Identify themes &amp; conventions</li> <li>Retrieve &amp; record information</li> <li>Make inferences &amp; justify predictions</li> <li>Recognise a variety of forms of poetry</li> <li>Identify &amp; summarise ideas</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Correctly spell common homophones</li> <li>Increase regularity of handwriting</li> <li>Plan writing based on familiar forms</li> <li>Organise writing into paragraphs</li> <li>Use simple organisational devices</li> <li>Proof-read for spelling &amp; punctuation errors</li> <li>Evaluate own and others' writing</li> <li>Read own writing aloud</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>Use wider range of conjunctions</li> <li>Use perfect tense appropriately</li> <li>Select pronouns and nouns for clarity</li> <li>Use &amp; punctuate direct speech</li> <li>Use commas after front adverbials</li> </ul> <p><b>Speaking &amp; Listening</b></p> <ul style="list-style-type: none"> <li>Articulate &amp; justify opinions</li> <li>Speak audibly in Standard English</li> <li>Gain, maintain &amp; monitor interest of listeners</li> </ul>	<p style="text-align: center;"><b>Science</b></p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>Study of human body</li> <li>Digestive system &amp; teeth</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>Electricity: simple circuits &amp; conductors, lighting bulbs</li> </ul>	<p style="text-align: center;"><b>Design &amp; Technology (LKS2)</b></p> <p>Using simple electrical equipment to build Christmas lights:</p> <ul style="list-style-type: none"> <li>Use research &amp; criteria to develop products which are fit for purpose and aimed at specific groups</li> <li>Use annotated sketches, cross-section diagrams &amp; computer-aided design</li> <li>Analyse &amp; evaluate existing products and improve own work</li> <li>Use mechanical &amp; electrical systems in own products, including programming</li> </ul> <p>During Greek topic day:</p> <ul style="list-style-type: none"> <li>Cook savoury dishes for a healthy &amp; varied diet</li> </ul>	<p style="text-align: center;"><b>Maths</b></p> <p><b>Number/Calculation</b></p> <ul style="list-style-type: none"> <li>Know all tables to 12 x 12</li> <li>Secure place value to 1000</li> <li>Use negative whole numbers</li> <li>Round numbers to nearest 10, 100 or 1000</li> <li>Use Roman numerals to 100 (C)</li> <li>Column addition &amp; subtraction up to 4 digits</li> <li>Multiply &amp; divide mentally</li> <li>Use standard short multiplication</li> </ul> <p><b>Geometry &amp; Measures</b></p> <ul style="list-style-type: none"> <li>Compare 2-d shapes, including quadrilaterals &amp; triangles</li> <li>Find area by counting squares</li> <li>Calculate rectangle perimeters</li> <li>Estimate &amp; calculate measures</li> <li>Identify acute, obtuse &amp; right angles</li> <li>Identify symmetry</li> <li>Use first quadrant coordinates</li> <li>Introduce simple translations</li> </ul> <p><b>Data</b></p> <ul style="list-style-type: none"> <li>Use bar charts, pictograms &amp; line graphs</li> </ul> <p><b>Fractions &amp; decimals</b></p> <ul style="list-style-type: none"> <li>Recognise tenths &amp; hundredths</li> <li>Identify equivalent fractions</li> <li>Add &amp; subtract fractions with common denominators</li> <li>Recognise common equivalents</li> <li>Round decimals to whole numbers</li> <li>Solve money problems</li> </ul>
	<p style="text-align: center;"><b>Physical Education (LKS2)</b></p> <ul style="list-style-type: none"> <li>Use running, jumping, catching and throwing in isolation and in combination</li> <li>Play competitive games, applying basic principles</li> <li>Develop flexibility &amp; control in gym, dance &amp; athletics</li> <li>Compare performances to achieve personal bests</li> </ul>	<p style="text-align: center;"><b>History</b></p> <p><b>Ancient Greece</b></p> <ul style="list-style-type: none"> <li>A study of Greek life and achievements, and their influence on the Western world</li> <li>Life in ancient Greece</li> <li>Greek art and artefacts</li> <li>The Trojan War</li> </ul>	<p style="text-align: center;"><b>Music (LKS2)</b></p> <ul style="list-style-type: none"> <li>Use voice &amp; instruments with increasing accuracy, control and expression</li> <li>Improvise &amp; compose music</li> <li>Listen with attention to detail</li> <li>Appreciate wide range of live &amp; recorded music</li> <li>Begin to develop understanding of history</li> </ul>
	<p style="text-align: center;"><b>Geography (LKS2)</b></p> <p>Topic study of Greece in order to:</p> <ul style="list-style-type: none"> <li>Locate world's countries, focusing on Europe</li> <li>Focus on key physical &amp; human features</li> <li>Use 8 points of compass, symbols &amp; keys</li> <li>Describe &amp; understand climate, rivers, mountains, volcanoes, earthquakes, settlements, trade links, etc.</li> </ul>		

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	<p><b>Modern Languages (LKS2)</b></p> <ul style="list-style-type: none"><li>• To be taught later in the year</li></ul>	<p><b>Computing (LKS2)</b></p> <p>Using Espresso Coding to create simple games with variables and selection in order to:</p> <ul style="list-style-type: none"><li>• Design &amp; write programs to achieve specific goals, including solving problems</li><li>• Use logical reasoning</li></ul> <p>Using word processing programs and online collaboration in order to:</p> <ul style="list-style-type: none"><li>• Use internet safely and appropriately</li><li>• Collect and present data appropriately</li></ul>	<p><b>Religious Education</b></p> <ul style="list-style-type: none"><li>• Exploration of the Trinity and baptism in Christianity</li><li>• Exploration of God in Hinduism</li></ul>
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